

EXECUTIVE OFFICER SUMMARY REPORT
February 9, 2005

ITEM: 6

SUBJECT: Revision of Waste Discharge Requirements: Eastern Municipal Water District, Temecula Valley Regional Water Reclamation Facility, Riverside County (tentative Addendum No. 1 to Order No. 2000-165) (*Charles Cheng*)

PURPOSE: To consider adoption of tentative Addendum No. 1 to Order No. 2000-165, which would revise the Discharge Specifications for the facility from a 30-day average dry weather flow of 12.0 million gallon per day (MGD) to a 30-day maximum flow of 13.2 MGD.

PUBLIC NOTICE: The Agenda for the February 9, 2005 Regional Board meeting was distributed to the public by mail on January 21, 2005. A copy of the Tentative Addendum No. 1 to Order No. 2000-165 was sent to the discharger (via certified mail) and all interested parties on January 25, 2005 and made available at the Regional Board's web site and office for review thereafter (Attachment 2).

DISCUSSION: Eastern Municipal Water District (EMWD) discharges up to 12.0 MGD of tertiary treated wastewater from the Temecula Valley Regional Water Reclamation Facility (TVRWRF) to various locations within the Santa Margarita Hydrologic Area subject to waste discharge requirements contained in Order No. 2000-165, "*Waste Discharge Requirements For Eastern Municipal Water District Temecula Valley Regional Water Reclamation Facility Riverside County*".

By letter dated November 18, 2004, EMWD requested an amendment of the permit specification for flow rate at the TVRWRF from 12.0 MGD to 13.2 MGD. EMWD reports that the current 30-day average dry weather flow rate limit of 12.0 MGD is actually the annual average flow rate, whereas the design capacity for the facility for a maximum 30-day flow rate is 13.2 MGD. As such, TVRWRF is capable of treating up to 13.2 MGD throughout the entire year without any modification to treatment equipment or processes (Attachment 3).

EMWD's Planning Department projects that the current permitted

flow limit of 12.0 MGD could be reached by June 2005 due to fast population growth in the TVRWRF's service area. EMWD is planning for a facility expansion in treatment capacity of 18.0 MGD at the facility, but this will not be completed for a few years. The revision from 12.0 MGD to 13.2 MGD is necessary to account for the fast population growth and to avoid flow rate violations of Order No. 2000-165 in the near future.

The "*Title 22 Engineering Report*" prepared by EMWD's engineering consultant certifies a design capacity of 12.0 MGD annual average flow and 13.2 MGD maximum monthly flow for the TVRWRF.

If adopted, tentative Addendum No.1 to Order No. 2000-165 would allow TVRWRF to discharge up to 13.2 MGD 30-day maximum flow of tertiary treated wastewater. There are no comments received to date.

KEY ISSUES:

1. TVRWRF is designed with a hydraulic capacity of 13.2 MGD maximum 30-day flow as certified by the "*Title 22 Engineering Report*".
2. The revision is necessary to avoid flow rate violations in the near future.

LEGAL CONCERNS:

None.

COMPLIANCE RECORD:

In the past, there have been occasional flow rate violations due to increased inflow and/or wet weather. With the adoption of this Addendum, potential near future violations will be eliminated.

SUPPORTING DOCS:

- 1) Maps showing the location of the treatment facility.
- 2) Tentative Addendum No.1 to Order No. 2000-165, with transmittal letter.
- 3) EMWD's letter dated Nov. 18, 2004.

SIGNIFICANT CHANGES:

None.

RECOMMENDATION:

Adoption of tentative Addendum No.1 to Order No. 2000-165 is recommended.

ATTACHEMENT 1

Map Showing the Location of the Facility

ATTACHEMENT 2

Tentative Addendum No.1 to Order No. 2000-165
with Transmittal Letter

ATTACHEMENT 3

EMWD's Letter Dated Nov. 18, 2004

